Weight of Bismuth

bismuth: convert volume to weight

Enter volume, select a unit of volume, and specify a material or substance to search for. Use * as a wildcard for partial matches, or enclose the search string in double quotes for an exact match. Weight of the selected item is calculated using its density and entered volume.

Volume: 1 in: cubic centimeter

bismuth

Select a compound: Bismuth

precision: 2

V2W | W2V | Density | Price | Mole | Mass and molar concentration

☐ show all units

Weight of 1 cubic centimeter of Bismuth

carat	49.04	ounce	0.35
gram	9.81	pound	0.02
kilogram	**0.01**	tonne	9.81×10^{-6}
milligram	9 808		

How many moles in 1 cubic centimeter of Bismuth?

There are 46.93 millimoles in 1 cubic centimeter of Bismuth

☐ show all units

The entered **volume** of Bismuth in various units of volume

centimeter^3	**1**	milliliter	1
foot^3	3.53×10^{-5}	oil barrel	6.29×10^{-6}
Imperial gallon	0	US cup	0
inch^3	0.06	US fluid ounce	0.03
liter	0	US gallon	0
meter^3	1×10^{-6}	US pint	0
metric cup	0	US quart	0
metric tablespoon	0.07	US tablespoon	0.07
metric teaspoon	0.2	US teaspoon	0.2

About *Bismuth*

1 cubic meter of Bismuth weighs 9 808 kilograms [kg]

1 cubic foot of Bismuth weighs 612.29344 pounds [lbs]

Bismuth weighs 9.808 *gram per cubic centimeter* or 9 808 *kilogram per cubic meter*, i.e. density of *bismuth* is equal to 9 808 kg/m³; at 25°C (77°F or 298.15K) at standard atmospheric pressure. In Imperial or US customary measurement system, the density is equal to 612.2934 *pound per cubic foot* [lb/ft³], or 5.6694 *ounce per cubic inch* [oz/inch³] .

Melting Point (MP), *Bismuth* changes its state from solid to liquid at 271.4°C (520.52°F or 544.55K)

Boiling Point (BP), *Bismuth* changes its state from liquid to gas at 1564°C (2847.2°F or 1837.15K)

Symbol: Bi [element | bismuth-based compounds]
Atomic number: 83
Atomic weight: 208.98040(1)
Ionization energy, eV: 7.285516
Molecular formula: Bi
Molecular weight: 208.98 g/mol
Molar volume: 21.307 cm³/mol
CAS Registry Number (CAS RN): 7440-69-9

Bookmarks: [weight to volume | volume to weight | price | mole to volume and weight | mass and molar concentration | density]

A few materials, substances, compounds or elements with a name containing, like or similar to **Bismuth:**

Bismuth chloride [$BiCl_3$] weighs 4 750 kg/m³ (296.53281 lb/ft³) [weight to volume | volume to weight | price | mole to volume and weight | mass and molar concentration | density]

Bismuth chloride oxide [BiOCl] weighs 7 720 kg/m³ (481.94386 lb/ft³) [weight to volume | volume to weight | price | mole to volume and weight | mass and molar concentration | density]

Bismuth germanium oxide weighs 7 130 kg/m³ (445.11136 lb/ft³) [weight to volume | volume to weight | price | density]

Bismuth hydrate [$Bi(OH)_3$] weighs 4 960 kg/m³ (309.64268 lb/ft³) [weight to volume | volume to weight | price | mole to volume and weight | mass and molar concentration | density]

Bismuth hydroxide [$Bi(OH)_3$] weighs 4 960 kg/m³ (309.64268 lb/ft³) [weight to volume | volume to weight | price | mole to volume and weight | mass and molar concentration | density]

About this page: *Weight of Bismuth*

For instance, calculate how many ounces, pounds, milligrams, grams, kilograms or tonnes of a selected substance in a liter, gallon, fluid ounce, cubic centimeter or in a cubic inch. This page computes weight of the substance per given volume, and answers the question: How much the substance weighs per volume.

Reference (ID: 331)

1. Compound summary: *Bismuth*. National Center for Biotechnology Information; U.S. National Library of Medicine; 8600 Rockville Pike; Bethesda, MD 20894 USA. Last accessed: 29 August 2020 (pubchem.ncbi.nlm.nih.gov/compound).

2. *Chemistry of the Elements* by N. N. Greenwood (Author), A. Earnshaw (Author). Published by Butterworth-Heinemann; 2nd edition (December 9, 1997). Last accessed: 29 August 2020 (amazon.com paid link)

3. *Handbook of Inorganic Chemicals* by Pradyot Patnaik (Author). Published by McGraw-Hill Professional; 1 edition (November 20, 2002). Last accessed: 29 August 2020 (amazon.com paid link).